

EAGA Business Builder

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No meeting today so members can celebrate the Labor Day Holiday

Labor Day, the first Monday in September, is a creation of the labor movement and is dedicated to the social and economic achievements of American workers. It constitutes a yearly national tribute to the contributions workers have made to the strength, prosperity, and well-being of our country. Through the years the nation gave increasing emphasis to Labor Day. The first governmental recognition came through municipal ordinances passed during 1885 and 1886. From these, a movement developed to secure state legislation. The first state bill was introduced into the New York legislature, but the first to become law was passed by Oregon on February 21, 1887. During the year four more states — Colorado, Massachusetts, New Jersey, and New York — created the Labor Day holiday by legislative enactment. By the end of the decade Connecticut, Nebraska, and Pennsylvania had followed suit. By 1894, 23 other states had adopted the holiday in honor of workers, and on June 28 of that year, Congress passed an act making the first Monday in September of each year a legal holiday in the District of Columbia and the territories.

<http://www.dol.gov/laborday/history.htm>

Labor Day ... honors the American labor movement and the contributions that workers have made to the strength, prosperity, and well-being of their country. The holiday was promoted by the Central Labor Union and the Knights of Labor, who organized the first parade in New York City. After the Haymarket Massacre in Chicago on May 4, 1886, U.S. President Grover Cleveland feared that commemorating Labor Day on May 1 could become an opportunity to commemorate the affair. Therefore, in 1887, the United States holiday was established in September to support the Labor Day that the Knights favored.

https://en.wikipedia.org/wiki/Labor_Day

Labor Day ... was originally organized to celebrate various labor associations' strengths of and contributions to the United States economy. It is largely a day of rest in modern times. Many people mark Labor Day as the end of the summer season and a last chance to make trips or hold outdoor events.

<http://www.timeanddate.com>

- ◆ Drawing for winner of the shotgun raffle will be held on September 15th. One lucky member will become the owner of a great firearm, at a very reasonable price.
- ◆ EAGA Annual Jim Fanning Memorial Trap Shoot is only two weeks away - September 25th. Practice shooting starts at 8AM; Team competition at 9AM. EAGA members participate for free. Guests are welcome at \$75 each; Honorary Retired Members \$60. Get your name on the sign-up sheet this coming Tuesday so that teams can be set up. The event will include burritos and coffee and a whole lot of fun. Definitely a lot of fun...First hand experience notes that even someone who hasn't fired a gun for 30 years will still hit a few targets; and no one laughs at you (so long as you keep that gun handy).
- ◆ Board Members - September Board Meeting will be right after the breakfast on September 15th.
- ◆ Breakfast menu for September 22nd will include pork chops. Great thought. Thanks to Mr. Exec Director
- ◆ We are in need of Badge Board Greeters for October. Currently four slots are available, but those will fill up quickly. Check your schedule and give Mario or President Maloy a call.
- ◆ Bobby Jackson's grandson, Joshua, continues his long road toward recovery. An account has been established at Rio Grande Credit Union (account for Joshua Strong) to receive contributions from anyone wanting to donate money for payment of Joshua's medical bills.

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NO LEADS OR RECIPROCITY THIS BULLETIN, SO THERE HERE IS A PUZZLE TO FILL IN THE SPACE

On Bagshot Island, there is an airport. The airport is the home base of an unlimited number of identical airplanes. Each airplane has a fuel capacity to allow it to fly exactly 1/2 way around the world, along a great circle. The planes have the ability to refuel in flight without loss of speed or spillage of fuel. Though the fuel is unlimited, the island is the only source of fuel.

The question is : What is the fewest number of aircraft necessary to get one plane all the way around the world assuming that all of the aircraft must return safely to the airport?

Notes:

- (a) Each airplane must depart and return to the same airport, and that is the only airport they can land and refuel on ground.
- (b) Each airplane must have enough fuel to return to airport.
- (c) The time and fuel consumption of refueling can be ignored. (so we can also assume that one airplane is able to refuel more than one other airplane in air at the same time.)
- (d) The amount of fuel an airplane carries can be zero as long as another airplane is refueling that airplane.

What is the fewest number of airplanes and number of tanks of fuel needed to accomplish this work? (we only need one airplane to go around the world)

Answer below:

As per the puzzle given above: The fewest number of aircraft is 3!

Imagine 3 aircraft (A, B and C).

A is going to fly round the world. All three aircraft start at the same time in the same direction. After 1/6 of the circumference, B passes 1/3 of its fuel to C and returns home, where it is refueled and starts immediately again to follow A and C.

C continues to fly alongside A until they are 1/4 of the distance around the world. At this point C completely fills the tank of A which is now able to fly to a point 3/4 of the way around the world. C has now only 1/3 of its full fuel capacity left, not enough to get back to the home base. But the first 'auxiliary' aircraft reaches it in time in order to refuel it, and both 'auxiliary' aircraft are the able to return safely to the home base.

Now in the same manner as before both B and C fully refueled fly towards A. Again B refuels C and returns home to be refueled. C reaches A at the point where it has flown 3/4 around the world. All 3 aircraft can safely return to the home base, if the refueling process is applied analogously as for the first phase of the flight.

<http://dailybrainteaser.blogspot.com/2012/05/difficult-puzzles.html>

Badge Board Greeters

- Sept 15th Dave Giddens - Law Office of George "Dave" Giddens
- Sept 22nd Robert Biernacki - WaterQuest Landscaping
- Sept 29th Dave Rodriguez - Computer Solutions Group and Don Clark - ABQ1
- Oct 6th
- Oct 13th
- Oct 20th
- Oct 27th

Upcoming Speakers

- Sept 15th EAGA website tutorial
- Sept 22nd Glen Millican - UNM Head Golf Coach
- Sept 29th Kevin Lorenzen - Aflac
- Oct 6th Mike Skolnick - Excalibur Realty
- Oct 13th Robert Biernacki - WaterQuest Landscaping
- Oct 20th Mark Tobiassen - Action Coach Business Coaching
- Oct 27th Angelo Gonzales - Mission Graduate